

05-10-05

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**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): Liu, et al.

Docket No.  
15436.247.14.1

Application No.  
10/696,304

Filing Date  
10/27/2003

MAY 09 2005

Examiner  
Not Yet Assigned

Customer No  
022913

Group Art Unit  
3663

**Invention:**

INTEGRATION OF GAIN EQUALIZATION FILTER IN A GAIN MEDIUM

I hereby certify that the following correspondence:

(see below)

*(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

May 9, 2005  
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EV 657811696 US

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Information Disclosure Statement (2 pages with 4 attachments)  
Information Disclosure Statement Transmittal (2 pages)  
Information Disclosure Statement Citation (1 page)  
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Postcard

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**

(Under 37 CFR 1.97(b) or 1.97(c))

**Docket No.**  
**15436.247.14.1****In Re Application Of:**

Liu, et al.

**Application No.**  
10/696,304**Filing Date**  
10/27/2003**Examiner**  
Not Yet Assigned**Customer No**  
022913**Group Art Unit**  
3663**Confirmation No.**  
5109**Title:**

INTEGRATION OF GAIN EQUALIZATION FILTER IN A GAIN MEDIUM

Address to:  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

**37 CFR 1.97(b)**

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

**OR**

☐ the fee set forth in 37 CFR 1.17(p).

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 197(b) or 1.97(c))

**Docket No.**  
**15436.247.14.1**

**In Re Application Of:**

Liu, et al.

<b>Application No.</b> 10/696,304	<b>Filing Date</b> 10/27/2003	<b>Examiner</b> Not Yet Assigned	<b>Customer No</b> 022913	<b>Group Art Unit</b> 3663	<b>Confirmation No.</b> 5109
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**Title:**

INTEGRATION OF GAIN EQUALIZATION FILTER IN A GAIN MEDIUM

**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \$ \_\_\_\_\_ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 23-3178 as described below.
- ☐ Charge the amount of \$ \_\_\_\_\_
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.
- ☐ Payment by credit card. Form PTO-2038 is attached.

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

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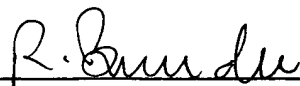
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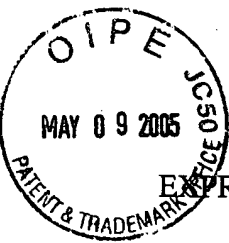
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**\*This certificate may only be used if paying by deposit account.**

  
\_\_\_\_\_  
Signature

Dated: May 6, 2005

cc: R. Burns Israelsen  
Attorney for Applicants  
Registration No. 42,685



EXPRESS MAIL NO. EV 657811696 US

PATENT APPLICATION  
Docket No: 15436.247.14.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of		)	
		)	
	Liu, et al.	)	
		)	
Serial No.:	10/696,304	)	Art Unit
		)	3663
Confirmation No.:	5109	)	
		)	
Filed:	October 27, 2003	)	
		)	
For:	INTEGRATION OF GAIN EQUALIZATION	)	
	FILTER IN A GAIN MEDIUM	)	

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. § 1.97

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). While no representation is made that any of these references may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103, the enclosed list of references is disclosed so as to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the enclosed art is the closest to the claimed invention (taken in its entirety) of which

the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

In accordance with 37 C.F.R. §§ 1.97 and 1.98, a copy of each of the listed references or relevant portion thereof is also enclosed.

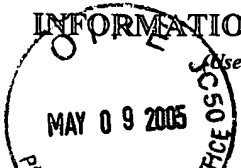
In accordance with 37 C.F.R. § 1.98(c), all English translations within the possession, custody, control or availability of anyone designated in 37 C.F.R. § 1.56(c) of each non-English reference, if any, are also enclosed.

DATED May 6, 2005.

Respectfully submitted,



R. Burns Israelsen  
Attorney for Applicant  
Registration No. 42,685  
Customer No. 022913

<b>INFORMATION DISCLOSURE CITATION</b> <small>(Use several sheets if necessary)</small> 	<b>Docket number (Optional)</b> <b>15436.247.14.1</b>	<b>Application Number</b> <b>10/696,304</b>
	<b>Applicant(s)</b> <b>Liu, et al.</b>	
	<b>Filing Date</b> <b>10/27/2003</b>	<b>Group Art Unit</b> <b>3663</b>

*Examiner Initial	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
	Hill, et al., <i>Bragg Grating Fabricated in Monomode Photosensitive Optical fiber by UV Exposure Through a Phase Mask</i> , Applied Physics Letters, Vol. 62, No. 10, March 8, 1993, pp. 1035-1037.
	<i>Band Wavelength Division Multiplexing (4 Skip 0)</i> , AFOP, March 14, 2002, available at <a href="http://www.afop.com/news/2002/031302_ofc2002.php">http://www.afop.com/news/2002/031302_ofc2002.php</a> .
	Ivan Maksymyk, <i>Apodized Phase Masks Streamline Fabrication of FBGs</i> , WDM Solutions, September 2001, available at <a href="http://lw.pennnet.com/articles/article_display.cfm?Section=ARCHI&amp;C=FEATU&amp;ARTICLE_ID=118327&amp;KEYWORDS=Apodized%20Phase%20Masks%20streamline%20fabrication%20of%20fbgs">http://lw.pennnet.com/articles/article_display.cfm?Section=ARCHI&amp;C=FEATU&amp;ARTICLE_ID=118327&amp;KEYWORDS=Apodized%20Phase%20Masks%20streamline%20fabrication%20of%20fbgs</a> .
	<i>Erbium Doped Fiber Amplifier</i> , ADVA Optical Service & Solutions, available at <a href="http://www.ing.unipi.it/~d7384/com_ottiche/Pdf/ErbiumDopedFiberAmplifier.pdf">http://www.ing.unipi.it/~d7384/com_ottiche/Pdf/ErbiumDopedFiberAmplifier.pdf</a> .
EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.